

REVISION OF THE TOXOGLOSSATE MOLLUSCA OF  
NEW ZEALAND.

BY CAPTAIN F. W. HUTTON, F.G.S., &c.

In the present list I have omitted the following species as either not belonging to New Zealand or not belonging to this group of Mollusca.

*Conus distans*, Hwass. Inhabits New Caledonia and Polynesia.

*Conus zealandicus*, Hutton. Inhabits Australia. *C. aplustre* Reeve.

*Drillia emula*, Angas. Inhabits New South Wales.

*Lacheis sulcata*, Hutton. Probably a *Columbella*.

Family PLEUROTOMIDÆ.

PLEUROTOMA ENGONIA. Watson, Jour. Lin. Soc. of London, Vol. XV., p. 405 (1881).

*Habitat*.—Dredged by H.M.S. Challenger—N.E. of New Zealand; also at Japan.

This is rather a large species ( $1\frac{1}{4}$  inch in length) belonging to the subgenus *Genota*. It is keeled, without any longitudinal ribs, but with small broadish spine threads.

PLEUROTOMA NEOZELANICA. E. A. Smith, Ann. Mag. of Nat. Hist., 1877, Vol. XIX., p. 492; *Drillia cheesemani*, Hutton, Jour. de Conch., 1878, p. 16.

*Habitat*.—Auckland.

PLEUROTOMA ALBULA. Hutton, Cat. Marine Moll. of New Zealand, Wellington, 1873, p. 12. *P. antipodum*, E. A. Smith, Ann. and Mag. of Nat. Hist., 1877, Vol. XIX., p. 491.

*Habitat*.—Throughout New Zealand.

PLEUROTOMA ISCHNA. Watson, Jour. Lin. Soc. of London, Vol. XV., p. 403 (1881).

*Habitat*.—Dredged by H.M.S. Challenger, N.E. of New Zealand.

This species seems to differ from the last in being less deeply sculptured. Mr. Watson places it in the subgenus *Surcula*.

DRILLIA (?) MAORUM. E. A. Smith, Ann. and Mag. of Nat. Hist., 1877, Vol. 19, p. 497. *P. Buchanani* et *P. Trailli*, Hutton, Manual of New Zealand Mollusca, 1880, p. 42; [not *P. Buchanani*, Hutton, Cat. Tertiary Moll. of New Zealand, 1873, p. 4]. *D. Trailli*, Tryon, Man. Conch., Vol., VI., p. 206, pl. 34, fig. 90.

*Habitat*.—Throughout New Zealand.

This species is distinguished from *P. Buchanani* by having the suture slightly margined, and the canal shorter.

DRILLIA BULBACEA. Watson, Jour. Lin. Soc. of London, Vol. XV., p. 418 (1881).

*Habitat*.—Dredged by H.M.S. Challenger, N.E. of New Zealand.

Hardly, I think, to be distinguished from the last species.

DRILLIA (?) AMÆNA. E. A. Smith, Ann. and Mag. of Nat. Hist., 1884, Vol. XIV., p. 318.

*Habitat*.—I much doubt whether this species really inhabits New Zealand. I have never seen it.

DRILLIA NEOZELANICA. Conch. Icon. f. 143 (1843); Tryon, Man. Conch., Vol. VI., p. 184, pl. 12, f. 44 (bad). *P. rosea*, Quoy and Gaimard, Voy. Astrelabe, Zool II., p. 524, pl. 35, f. 10-11 (1833), [not of Sowerby]. *P. Quoyi*, Deshayes [not of Desmoulins].

*Habitat*.—Throughout New Zealand.

DRILLIA GYPSATA. Watson, Jour. Linn. Soc. of London, Vol. XV., p. 413 (1881).

*Habitat*.—Dredged by H.M.S. Challenger, N.E. of New Zealand.

DRILLIA LÆVIS. Hutton, Cat. Marine Moll. of New Zealand, p. 12 (1873).

*Habitat* —Foveaux Straits.

Much like *D. alabaster* (Reeve), but without any spinal grooves.

DRILLIA ULA, Watson, Jour. Lin. Soc. of London, Vol. XV., p. 420 (1881).

*Habitat*.—Dredged by H.M.S. Challenger, N.E. of New Zealand.

DRILLIA PROTENSA, Hutton (Daphnella). Trans., New Zealand Institute, Vol. XVII, p. — (1885). *D. Awamoensis*, Hutton, Trans. New Zealand Institute, Vol. XV., p. 131; Tryon, Man. Conch., Vol. VI., p. 208, pl. 12, f. 25, [not *P. Awamoensis*, Hutton, Cat. Tert. Moll. of N.Z., p. 4].

*Habitat*.—Waiwera, near Auckland.

MANGILIA GOODINGII, E. A. Smith, Ann. and Mag. Nat. Hist., (1884), Vol. 14, p. 320.

*Habitat*.—I much doubt whether this species inhabits New Zealand. I have never seen it.

CLATHURELLA SINCLAIRII, E. A. Smith, Ann. and Mag. Nat. Hist. (1884), Vol. 14, p. 320 (*Mangilia* ?); *Defranchia luteo-fasciata*, Man. New Zealand Mollusca (1880), p. 45, [not of Reeve].

*Habitat*.—Throughout New Zealand, and at the Chatham Islands.

DAPHNELLA LYMNEIFORMIS, Kiener, Icon. Pleurotoma, p. 62, Taf. 22, f. 3; Tryon, Man. Conch., Vol. VI., p. 300, pl. 25, f. 60; *D. cancellata*, Hutton, Jour. de Conch. (1878), p. 15.

*Habitat*.—Auckland. Found also in Australia.

Family. TEREBRIDÆ.

TEREBRA TRISTIS, Deshayes, Pro. Zool. Soc. (1859), p. 306; Reeve, Conch. Icon. f. 102; Tryon, Man. Conch., Vol. VII., p. 36, pl. 10, f. 100; *Acus Kirki*, Hutton, Man., New Zealand, Moll., p. 42; *Tarebra antarctica*, E. A. Smith, M.S.S.

*Habitat*.—Throughout New Zealand; also at Japan.